

TABLES

Table 1-1

Groundwater Elevations and Well Construction Details
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

Well Location	Northing	Easting	Date	Depth to Water (ft BTOC)	Top of Casing Elevation (ft amsl)	Ground Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Well Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)
HR-95Q-MW01	1174908.99	694174.91	18-Oct-02	29.45	840.20	838.16	810.75	60	30	29.7 - 59.7
HR-95Q-MW02	1174848.83	694542.47	18-Oct-02	14.49	815.27	813.20	800.78	35	10	24.7 - 34.7
HR-95Q-MW03	1174611.63	694957.65	18-Oct-02	19.91	785.74	783.86	765.83	45	20	24.7 - 44.7
HR-131Q-MW01	1174412.67	695232.95	18-Oct-02	53.62	770.92	768.90	717.30	52	20	31.7 - 51.7
HR-94Q-MW01	1174529.98	693498.13	18-Oct-02	23.48	904.66	904.73	881.18	66	30	36 - 66
HR-94Q-MW02	1174050.39	694532.69	18-Oct-02	16.37	793.11	791.11	776.74	55	20	35 - 55
HR-146Q-MW01	1172977.03	693276.13	18-Oct-02	11.49	826.46	826.20	814.97	22.5	10	12.5 - 22.5
HR-146Q-MW02	1173957.83	694001.43	18-Oct-02	23.69	828.17	825.86	804.48	27	15	12 - 27
HR-96Q-MW01	1175890.35	694938.66	18-Oct-02	29.73	837.07	834.96	807.34	45	15	29.7 - 44.7
HR-145Q-MW01	1174917.09	694708.57	18-Oct-02	21.7	814.49	812.44	792.79	46	20	25.7 - 45.7
HR-145Q-MW02	1175362.13	695518.74	18-Oct-02	10.96	764.11	761.98	753.15	25	10	14.7 - 24.7
HR-148Q-MW01	1175583.03	694829.35	18-Oct-02	24.7	830.94	828.88	806.24	30	10	19.7 - 29.7
HR-144Q-MW01	1176954.76	694526.81	18-Oct-02	NA	903.99	901.94	NA	30	10	20 - 30
HR-147Q-MW01	1176629.79	694898.90	18-Oct-02	67.25	842.95	840.87	775.7	65	20	45 - 65
HR-147Q-MW02	1176867.77	695365.66	18-Oct-02	29.36	804.02	801.93	774.66	46	20	25.7 - 45.7
Wells at Adjacent Parcels										
HR-143Q-MW01	1178589.85	696433.17	18-Oct-02	35.69	827.98	825.98	792.29	58	20	38 - 58
HR-143Q-MW02	1177855.88	695810.44	18-Oct-02	28.02	827.22	825.14	799.20	40	15	25 - 40

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

amsl - Above mean sea level

bgs - below ground surface

BTOC - Below top of casing

ft - Feet

NA - Not applicable.

Table 2-1

**Site Investigation Sampling Locations and Rationale
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-94Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the northwestern portion of the Parcel 94Q, near several depressions that contained wooden debris, to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP02	Surface soil	A surface soil sample was collected in a target bunker located in the northwestern portion of Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the northwestern portion of Parcel 94Q in the westernmost berm of three berms to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP04	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the northwestern portion of Parcel 94Q in the westernmost berm of three berms to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP05	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the central berm of three berms located in Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP06	Surface soil	A surface soil sample was collected from a target mound in the central area of Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP07	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the vicinity of several depressions and a swing-up target located in the central portion of Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP08	Surface soil and subsurface soil	Surface and subsurface soil samples were collected from the easternmost berm of three berms located in Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP09	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near a swing-up target located in the southeastern portion of Parcel 94Q to determine if potential site-specific chemicals have impacted site media.
HR-94Q-GP10	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the eastern portion of Parcel 94Q, in the firing line area, to determine if potential site-specific chemicals have impacted site media.
HR-94Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the northwestern portion of Parcel 94Q adjacent to and downslope of several target bunkers to determine if potential site-specific chemicals have impacted site media.
HR-94Q-MW02	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the southeastern portion of Parcel 94Q, downslope of a swing up target, a deep pit, and two large mounds, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in a trench located in the southwestern area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected downslope of several depressions located in the northwestern area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected from a berm located in the northwestern portion of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP04	Surface soil and subsurface soil	Surface and subsurface soil samples were collected downslope of a depression located in the northwestern area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.

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**Site Investigation Sampling Locations and Rationale
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-146Q-GP05	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near multiple pits and trenches observed in the southwestern area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP06	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in a trench located in the south-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP07	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in a trench located in the south-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP08	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in a trench located in the south-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP09	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near several depressions located in the north-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP10	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near depressions located in the north-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-GP11	Surface soil and subsurface soil	Surface and subsurface soil samples were collected downslope of large hole in the north-central area of Parcel 146Q, in the vicinity of a depression and target pit, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the southwestern area of Parcel 146Q, downgradient of multiple pits and trenches, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-MW02	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected near several depressions in the north-central area of Parcel 146Q to determine if potential site-specific chemicals have impacted site media.
HR-146Q-DEP01	Depositional soil	A depositional soil sample was collected in a surface water drainage just west of Parcel 146Q to determine if potential site-specific chemicals have impacted site media. The drainage feature originates in the Choccolocco Mountains and conveys stormwater to the east/southeast.
HR-146Q-DEP02	Depositional soil	A depositional soil sample was collected in a surface water drainage northwest of Parcel 146Q to determine if potential site-specific chemicals have impacted site media. The drainage feature originates in the Choccolocco Mountains and conveys stormwater to the east/southeast.
HR-146Q-DEP03	Depositional soil	A depositional soil sample was collected in a surface water drainage in the west-central area of Parcel 146Q, downslope of several depressions, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-DEP04	Depositional soil	A depositional soil sample was collected in a surface water drainage in the east-central area of Parcel 146Q, downslope of the majority of the parcel, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-DEP05	Depositional soil	A depositional soil sample was collected in the central area of Parcel 146Q, downslope of several depressions and a target pit, to determine if potential site-specific chemicals have impacted site media.
HR-146Q-DEP06	Depositional soil	A depositional soil sample was collected just outside the eastern boundary of Parcel 146Q in an easterly flowing surface drainage to determine if potential site-specific chemicals have impacted site media.
HR-95Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the western portion of Parcel 95Q, downslope from the impact berm/backstop, to determine if potential site-specific chemicals have impacted site media.

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**Site Investigation Sampling Locations and Rationale
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-95Q-MW02	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the north-central area of Parcel 95Q, within a cleared area with expended shell casings and 40mm grenade fragments, to determine if potential site-specific chemicals have impacted site media.
HR-95Q-MW03	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the east end of Parcel 95Q, in the firing line area, to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected on the impact berm/backstop at the western end of Parcel 95Q to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected on the impact berm/backstop at the western end of Parcel 95Q to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected on the impact berm/backstop at the western end of Parcel 95Q to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP04	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in a cleared area downslope of the impact berm/backstop to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP05	Surface soil and subsurface soil	Surface and subsurface soil samples were collected adjacent to and downslope from the large berm along the southern boundary of Parcel 95Q to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP06	Surface soil and subsurface soil	Surface and subsurface soil samples were collected downslope of a 55-gallon drum and depressions near the southeastern corner of Parcel 95Q to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP07	Surface soil and subsurface soil	Surface and subsurface soil samples were collected on the berm that extends along the southern boundary of the parcel to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP08	Surface soil and subsurface soil	Surface and subsurface soil samples were collected on the berm along the southern boundary of the parcel, near the southeastern corner of Parcel 95Q, to determine if potential site-specific chemicals have impacted site media.
HR-95Q-GP09	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near the southeastern corner of Parcel 95Q, downslope of the southern end of the large berm, to determine if potential site-specific chemicals have impacted site media.
HR-95Q-SW/SD01	Surface water and sediment	Surface water and sediment samples were collected northwest of the Parcel 95Q from an intermittent stream that flows southeast along the northern parcel boundary to determine if potential site-specific chemicals have impacted site media.
HR-95Q-DEP01	Depositional soil	A depositional soil sample was collected from a drainage feature that flows southeast through the southern area of the parcel, downslope of the large berm, to determine if potential site-specific chemicals have impacted site media.
HR-95Q-DEP02	Depositional soil	A depositional soil sample was collected from a drainage feature that flows southeast through the southern area of the parcel, downslope of the large berm, to determine if potential site-specific chemicals have impacted site media.
HR-131Q-MW01	Surface soil and subsurface soil	Surface soil, subsurface soil, and groundwater samples were collected adjacent to a berm and ditch in the southern area of Parcel 131Q-X to determine if potential site-specific chemicals have impacted site media.
HR-131Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected downslope of the northern ends of the berm and ditch in the southern area of Parcel 131Q-X to determine if potential site-specific chemicals have impacted site media.

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**Site Investigation Sampling Locations and Rationale
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-131Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected adjacent to the southern end of the berm and ditch in the southern area of Parcel 131Q-X to determine if potential site-specific chemicals have impacted site media.
HR-131Q-SW/SD01	Surface water and sediment	Surface water and sediment samples were collected from the intermittent stream that flows through the northern portion of the Parcel 131Q-X to determine if potential site-specific chemicals have impacted site media.
HR-131Q-DEP01	Depositional soil	A depositional soil sample was collected from a dry intermittent streambed that flows southeast through the northern portion of Parcel 131Q-X, downslope of the parcel, to determine if potential site-specific chemicals have impacted site media.
HR-96Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the western portion of the parcel, near a target area identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-96Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the south-central portion of the parcel, near the clear cut area identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-96Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected adjacent to a pit in the north-central portion of Parcel 96Q to determine if potential site-specific chemicals have impacted site media.
HR-96Q-GP04	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the eastern portion of the parcel, along the main firing line as identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-96Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected near the northeast corner of the parcel and near a probable drainage feature, to determine if potential site-specific chemicals have impacted site media.
HR-145Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the western portion of the parcel, upslope of Parcels 96Q and 148Q-X and along a drainage feature, to determine if potential site-specific chemicals have impacted site media.
HR-145Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the eastern portion of the parcel, in the vicinity of 55-gallon drums, expended flares, and an empty cylinder, to determine if potential site-specific chemicals have impacted site media.
HR-145Q-GP03	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected at the eastern end of the parcel, downslope of a trench and shallow depressions identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-145Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected along a drainage feature in the southern portion of the parcel to determine if potential site-specific chemicals have impacted site media.
HR-145Q-MW02	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the eastern portion of the parcel, in the vicinity of the swampy area identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-145Q-DEP01	Depositional soil	A depositional soil sample was collected from the swampy area in the eastern portion of Parcel 145Q-X to determine if potential site-specific chemicals have impacted site media.
HR-145Q-SW/SD02	Surface water and sediment	Surface water and sediment samples were collected from an intermittent stream that flows southeast through the western portion of Parcel 145Q-X, to determine if potential site-specific chemicals have impacted site media.
HR-148Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the vicinity of target areas, pits, berms, etc. at the western end of Parcel 148Q-X to determine if potential site-specific chemicals have impacted site media.

Table 2-1

**Site Investigation Sampling Locations and Rationale
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-148Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the central area of Parcel 148Q-X to determine if potential site-specific chemicals have impacted site media.
HR-148Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected adjacent to target areas/firing points in the east-central portion of Parcel 148Q-X to determine if potential site-specific chemicals have impacted site media.
HR-148Q-MW01	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the eastern portion of Parcel 148Q-X, in the impact area and downslope of most of the firing lines, bunkers, target pits, etc. identified during the site visit, to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near one of the wood-framed target boxes located downrange of the firing line near an area visible in the 1969 aerial photograph. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP02	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near one of the wood-framed target boxes located downrange of the firing line near a cleared area visible in the 1969 aerial photograph. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP03	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near one of the wood-framed target boxes located downrange of the firing line near a cleared area visible in the 1969 aerial photograph. The samples were collected to determine if site-specific chemicals have impacted site media.
HR-97Q-GP04	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near one of the wood-framed target boxes located downrange of the firing line near a cleared area visible in the 1969 aerial photograph. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP05	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near one of the wood-framed target boxes located downrange of the firing line near a cleared area visible in the 1969 aerial photograph. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP06	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the north-central portion of Parcel 97Q where numerous 5.56 mm rifle blanks were observed. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP07	Surface soil and subsurface soil	Surface and subsurface soil samples were collected in the approximately 50 feet south of Parcel 97Q at an overgrown road where numerous 5.56-mm rifle blanks were observed. Samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP08	Surface soil and subsurface soil	Surface and subsurface soil samples were collected approximately 300 feet downrange of the firing line for Parcel 97Q. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-GP09	Surface soil and subsurface soil	Surface and subsurface soil samples were collected at the firing line for Parcel 97Q. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-MW01	Surface soil and subsurface soil	Surface and subsurface soil samples were collected near a cleared area visible in the 1969 aerial photograph downslope of numerous wooden framed target boxes. The samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-97Q-DEP01	Depositional soil	A depositional soil sample was collected in the eastern portion of Parcel 97Q from the creek bed of an intermittent stream that flows to the southeast to determine if potential site-specific chemicals have impacted site media.
HR-144Q-GP01	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected in the western area of Parcel 144Q-X near a cleared area in the 1954 aerial photograph. The samples were collected to determine if potential site-specific chemicals have impacted site media.

Table 2-1

**Site Investigation Sampling Locations and Rationale
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
HR-144Q-GP02	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected in the western area of Parcel 144Q-X near a cleared area in the 1954 aerial photograph. Samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-144Q-GP03	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected in the eastern area of Parcel 144Q-X near a series of rectangular firing positions or target pits. Samples were collected to determine if potential site-specific chemicals have impacted site media.
HR-144Q-GP04	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected near the eastern boundary of Parcel 144Q-X near a cleared area in the 1954 aerial photograph. Samples were collected to determine if site-specific chemicals have impacted site media.
HR-144Q-MW01	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected in the central portion of Parcel 144Q near a cleared area in the 1954 aerial photograph. Samples were collected to determine if site-specific chemicals have impacted the site media.
HR-144Q-DEP01	Depositional soil	A depositional soil sample location was collected in the western portion of Parcel 144Q-X from the creek bed of an intermittent stream. The sample was collected to determine if site-specific chemicals have impacted site media.
HR-144Q-DEP02	Depositional soil	A depositional soil sample was collected in the western portion of Parcel 144Q-X from the creek bed of an intermittent stream. The sample was collected to determine if site-specific chemicals have impacted site media.
HR-144Q-DEP03	Depositional soil	A depositional soil sample was collected from the creek bed of an intermittent stream, outside the northern boundary of Parcel 144Q-X, to determine if potential site-specific chemicals have impacted site media.
HR-144Q-DEP04	Depositional soil	A depositional soil sample was collected near the southern boundary of Parcel 144Q-X from the creek bed of an intermittent stream, to determine if potential site-specific chemicals have impacted site media.
HR-147Q-GP01	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected in the southern portion of Parcel 147Q-X, to determine if potential site-specific chemicals have impacted site media.
HR-147Q-MW01	Surface soil and subsurface soil	Surface soil and subsurface soil samples were collected downslope of a series of firing positions or target pits. The samples were collected to determine if potential site-specific chemicals have impacted site media. A residuum monitoring well was installed to determine local groundwater flow direction and location-specific geology.
HR-147Q-MW02	Surface soil, subsurface soil, and groundwater	Surface soil, subsurface soil, and groundwater were collected in the eastern portion of Parcel 147Q-X. The samples were collected to determine if potential site-specific chemicals have impacted site media. A residuum monitoring well was also installed to determine local groundwater flow direction and location-specific geology.
HR-147Q-DEP01	Depositional soil	A depositional soil sample was collected north of Parcel 147Q-X from the creek bed of an intermittent stream, to determine if potential site-specific chemicals have impacted the site media.
HR-147Q-DEP02	Depositional soil	A depositional soil sample location was collected from the creek bed of an intermittent stream northeast of Parcel 147Q-X, to determine if potential site-specific chemicals have impacted site media.

Table 2-2

Groundwater and Surface Water Field Parameters
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Date	Sample Medium	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Temperature (°C)	Turbidity (NTU)	pH (SU)
HR-94Q-MW01	9-Sep-02	GW	0.031	7.08	291	24.1	859	5.99
HR-94Q-MW02	4-Sep-02	GW	0.032	4.52	200	18.7	9.1	5.57
HR-146Q-MW01	28-Aug-02	GW	0.019	5.49	257	21.2	60	5.14
HR-146Q-MW02	29-Aug-02	GW	0.023	2.82	303	18.9	25	4.93
HR-95Q-MW01	22-Aug-02	GW	0.040	8.73	211	32.4	119	5.48
HR-95Q-MW02	20-Aug-02	GW	0.022	6.42	280	22.8	3.9	4.88
HR-95Q-MW03	21-Aug-02	GW	0.023	9.39	210	20.0	3.1	5.34
HR-95Q-SW/SD01	18-Jul-02	SW	0.019	7.07	-2	22.9	1.3	5.83
HR-131Q-SW/SD01	18-Jul-02	SW	0.021	8.39	137	24.8	0.4	5.96
HR-96Q-MW01	15-Aug-02	GW	0.022	6.41	320	20.3	101	4.85
HR-145Q-MW01	13-Aug-02	GW	0.023	4.25	212	23.9	18	4.65
HR-145Q-MW02	12-Aug-02	GW	0.040	3.76	293	19.6	53	5.05
HR-148Q-MW01	14-Aug-02	GW	0.030	8.48	288	21.9	6.4	4.89
HR-145Q-SW/SD02	6-Sep-02	SW	0.045	7.33	310	21.9	0	5.28
HR-147Q-MW02	23-Aug-02	GW	0.028	3.58	170	23.79	123	5.49

°C - Degrees Celsius.

GW - Groundwater.

mg/L - Milligrams per liter.

mS/cm - Millisiemens per centimeter.

mV - Millivolts.

NR - Not recorded.

NTU - Nephelometric turbidity units.

ORP - Oxidation-reduction potential.

SU - Standard units.

SW - Surface Water.

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-131Q-DEP01				HR-131Q-GP01				HR-131Q-GP02							
Sample Number	HR-131Q	HR-131Q	HR-131Q	HR-131Q-GP02	HR-131Q	HR-131Q	HR-131Q	HR-131Q-GP02	HR-131Q	HR-131Q	HR-131Q	HR-131Q-GP02	HR-131Q	HR-131Q	HR-131Q				
Sample Date	QY0008	QY0001	QY0003	Sample Depth (Feet)	18-Jul-02	13-Aug-02	13-Aug-02	0 - .5	0 - 1	0 - 1	0 - 1	0 - .5	0 - 1	0 - 1	0 - 1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.31E+04			YES	YES	1.23E+04			YES	YES	1.18E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.73E+00			YES		3.54E+00			YES		4.49E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	5.59E+01					3.20E+02		YES		YES	1.04E+02				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	4.51E-01	J				1.01E+00	J	YES			4.76E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.25E+02					1.20E+03					5.50E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.27E+01			YES		1.33E+01			YES		1.74E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	4.54E+00					8.66E+00					7.21E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.61E+01		YES			1.22E+01					1.93E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.60E+04			YES	YES	1.29E+04			YES	YES	2.17E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.26E+01					6.50E+01		YES		YES	1.90E+02		YES		YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.57E+02					5.31E+02					4.01E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.94E+02			YES		2.21E+03	J	YES	YES	YES	1.40E+03	J		YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	4.68E-02	J				7.64E-02	J				6.14E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.67E+00					7.91E+00					6.00E+00				
Potassium	mg/kg	8.00E+02	NA	NA	1.04E+03		YES			5.73E+02					5.83E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.08E-01	J	YES			8.47E-01	J	YES		YES	1.08E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.82E+01	J				2.29E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					7.27E-01	J		YES	
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.88E+01				YES	1.60E+01				YES	2.40E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.66E+01					3.08E+01	J				1.85E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

(Page 2 of 60)

Sample Location Parcel				HR-131Q-DEP01 HR-131Q QY0008 18-Jul-02 0-.5					HR-131Q-GP01 HR-131Q QY0001 13-Aug-02 0-1					HR-131Q-GP02 HR-131Q QY0003 13-Aug-02 0-1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-131Q-MW01 HR-131Q QY0005 13-Aug-02 0- 1				HR-144Q-DEP01 HR-144Q QM0012 5-Sep-02 0- 1				HR-144Q-DEP02 HR-144Q QM0013 4-Sep-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.13E+04			YES	YES	1.39E+04			YES	YES	1.23E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.12E+00			YES		3.30E+00			YES		2.88E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.39E+02	YES				2.55E+02	YES		YES		1.93E+02		YES		YES
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.45E-01	J	YES			2.43E+00	YES		YES		1.52E+00		YES		YES
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	9.35E+02					6.86E+02					4.55E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.27E+01			YES		7.98E+00			YES		7.97E+00			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	5.93E+00					1.59E+01	YES				1.38E+01				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.97E+00					1.91E+01	YES				1.30E+02		YES		YES
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.25E+04			YES	YES	1.44E+04			YES	YES	1.11E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.46E+01					1.87E+02	YES		YES		8.40E+02		YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.04E+02					7.87E+02					6.99E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	8.90E+02	J	YES	YES		1.65E+03	YES	YES	YES		1.40E+03		YES		YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.73E-02	J				8.07E-02	J	YES			8.84E-02	J	YES		
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	8.24E+00					8.08E+00					6.02E+00				
Potassium	mg/kg	8.00E+02	NA	NA	6.27E+02					1.53E+03	YES				1.36E+03		YES		
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	5.66E-01	J	YES			1.83E+00	YES		YES		1.70E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	3.05E+01	J				3.66E+01	J				4.66E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.65E+01				YES	1.35E+01				YES	1.27E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.67E+01	J				2.21E+01					2.01E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMITOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-131Q-MW01				HR-144Q-DEP01				HR-144Q-DEP02							
Sample Number	HR-131Q	HR-144Q	HR-144Q	Sample Date	QY0005	QM0012	QM0013	Sample Depth (Feet)	13-Aug-02	5-Sep-02	4-Sep-02	0- 1	0- 1	0- 1	0- 1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-144Q-DEP03				HR-144Q-DEP04				HR-144Q-GP01							
Sample Number	HR-144Q	QM0015	4-Sep-02	HR-144Q	QM0016	4-Sep-02	0- 1	HR-144Q	QM0001	23-Jul-02	0- 1	HR-144Q	QM0001	23-Jul-02	0- 1				
Sample Date							0- 1			<th></th> <th></th> <th></th> <th></th> <th></th>									
Sample Depth (Feet)							0- 1			<th></th> <th></th> <th></th> <th></th> <th></th>									
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.00E+04			YES	YES	1.11E+04			YES	YES	1.04E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.08E+00			YES		3.17E+00			YES		3.35E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.00E+02					1.35E+02		YES			7.11E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.66E-01	J				9.18E-01	J	YES			4.27E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	3.14E+02					5.50E+02					1.28E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.06E+01			YES		1.18E+01			YES		1.08E+01			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	3.36E+00					5.79E+00					4.00E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	7.61E+00					3.52E+01		YES			1.65E+01			YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.38E+04			YES	YES	1.40E+04			YES	YES	1.49E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.38E+01					1.64E+02		YES		YES	1.99E+02	J	YES	YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.79E+02					4.81E+02					3.79E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	4.98E+02			YES	YES	6.99E+02			YES	YES	2.32E+02	J			YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.71E-02	J				7.43E-02	J				4.85E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	4.15E+00					5.06E+00					3.82E+00				
Potassium	mg/kg	8.00E+02	NA	NA	7.21E+02					4.45E+02	B				3.10E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.22E+00		YES		YES	1.29E+00		YES		YES	6.15E-01	B	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.08E+01	J				2.35E+01	J				ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.48E+01				YES	1.86E+01				YES	1.55E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.50E+01					1.88E+01					1.54E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					2.90E-02					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					3.40E-01					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND					NR				
SEMICVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-144Q-DEP03				HR-144Q-DEP04				HR-144Q-GP01							
Sample Number		QM0015	<th>HR-144Q</th> <td></td> <th>QM0016</th> <td></td> <th>HR-144Q</th> <td></td> <th>QM0001</th> <td></td> <th>HR-144Q</th> <td></td> <th>QM0001</th> <td></td>	HR-144Q		QM0016		HR-144Q		QM0001		HR-144Q		QM0001					
Sample Date		4-Sep-02		0- 1	<th>4-Sep-02</th> <td></td> <th>0- 1</th> <td></td> <th>23-Jul-02</th> <td></td> <th>0- 1</th> <td></td> <th>23-Jul-02</th> <td></td>	4-Sep-02		0- 1		23-Jul-02		0- 1		23-Jul-02					
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					1.50E-03	J				NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					6.30E-03	J				YES	NR			
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-144Q-GP02					HR-144Q-GP03					HR-144Q-GP04							
Sample Number	QM0003	Sample Date	23-Jul-02	0 - 1			HR-144Q	QM0005	Sample Date	23-Jul-02	0 - 1			HR-144Q	QM0007	Sample Date	24-Jul-02	0 - 1			
Sample Depth (Feet)	NA	Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																					
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	7.60E+03				YES	6.65E+03				YES	1.18E+04			YES	YES		
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					2.25E+01	J		YES	YES	YES	
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.82E+00			YES		3.93E+00				YES	8.52E+00			YES			
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	8.70E+01					4.38E+01					5.31E+02			YES			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	ND					4.39E-01	J				1.11E+00	J		YES	YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					1.88E+01			YES	YES	YES	
Calcium	mg/kg	1.72E+03	NA	NA	3.92E+02					1.29E+04			YES		1.58E+04			YES			
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	7.14E+00				YES	2.20E+01					2.06E+01				YES		
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	5.39E+00	J				1.66E+00	J				5.25E+00	J					
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	8.87E+01		YES		YES	2.15E+01		YES			1.12E+02			YES	YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	8.52E+03				YES	YES	1.94E+04			YES	YES	3.24E+04			YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.27E+03	J	YES	YES	YES	3.65E+01	J				1.88E+02	J		YES	YES		
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	3.56E+02					7.48E+03		YES			4.71E+02						
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.05E+03	J		YES	YES	1.53E+02	J				1.43E+03	J		YES	YES		
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	8.26E-02	J	YES			ND					1.23E-01	J		YES	YES		
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	4.65E+00					3.38E+00					2.70E+01			YES			
Potassium	mg/kg	8.00E+02	NA	NA	3.87E+02	J				7.54E+02					4.77E+02	J					
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.36E-01	B	YES		YES	ND					1.88E+00	J		YES	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND						
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.54E+01	J				1.15E+02	J					
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND						
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.25E+01				YES	1.32E+01					9.23E+00				YES		
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.93E+01	J				1.79E+01	J				9.54E+03	J		YES	YES	YES	
VOLATILE ORGANIC COMPOUNDS																					
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					2.90E-02	J					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					6.30E-01	J					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					ND						
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					ND						
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					ND						
SEMOVOLATILE ORGANIC COMPOUNDS																					
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					ND						
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					ND						
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					ND						

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-144Q-GP02				HR-144Q-GP03				HR-144Q-GP04							
Sample Number	HR-144Q	Sample Date	QM0003	Sample Depth (Feet)	23-Jul-02	0- 1	0- 1	Sample Location Parcel	HR-144Q	Sample Date	QM0005	Sample Depth (Feet)	23-Jul-02	0- 1	0- 1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					ND				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					3.00E-03	J			YES
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					3.30E-03	J			YES
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					2.50E-03	J			YES
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					9.60E-04	J			YES
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					ND				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					ND				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					3.30E-03	J			
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					ND				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					ND				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					5.90E-04	J			
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					2.60E-02	J			YES
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					1.60E-03	J			
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					ND				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					1.30E-03	J			YES
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					ND				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					8.60E-04	J			YES
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					ND				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					8.90E-03	J			
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					ND				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					1.10E-01	J				ND				

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Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-144Q-MW01				HR-145Q-DEP01				HR-145Q-GP01							
Sample Number	HR-144Q	QM0010	HR-145Q	QR0012	3-Sep-02	0- 1	HR-145Q	QR0001	22-Jul-02	0- 1	HR-145Q	QR0001	22-Jul-02	0- 1					
Sample Date	23-Jul-02		<th>3-Sep-02</th> <td></td> <th>0- 1</th> <td></td> <td></td> <td></td> <td>0- 1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	3-Sep-02		0- 1				0- 1									
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	9.84E+03			YES	YES	3.20E+04		YES	YES	YES	7.29E+03				YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.84E+00			YES		4.81E+00			YES		2.32E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	8.80E+01					1.76E+02		YES		YES	2.50E+02			YES	YES
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	4.19E-01	J				8.47E-01	J	YES			6.13E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	3.81E+02					1.70E+02					1.26E+03				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	9.60E+00			YES		2.12E+01					4.63E+00				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	4.51E+00	J				3.34E+00	J				5.42E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.61E+01		YES			2.83E+01		YES			9.63E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	8.17E+03			YES	YES	1.54E+04			YES	YES	6.78E+03			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	6.19E+01	J	YES		YES	1.57E+02		YES		YES	8.49E+01		YES		YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	3.69E+02					1.09E+03		YES			5.41E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	5.84E+02	J		YES	YES	4.88E+01					1.15E+03				YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.00E-02	J				1.95E-01		YES		YES	9.67E-02	J		YES	
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.57E+00					1.02E+01					5.26E+00				
Potassium	mg/kg	8.00E+02	NA	NA	5.14E+02	J				1.20E+03		YES			9.93E+02				YES
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	ND					2.09E+00		YES		YES	9.69E-01	J		YES	YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					4.84E+01	J				2.56E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.09E+01				YES	3.68E+01				YES	8.19E+00				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.88E+01	J				3.54E+01					1.63E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					3.30E-02	J				NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					4.30E-01	J				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND					NR				
SEMI-VOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location				HR-144Q-MW01				HR-145Q-DEP01				HR-145Q-GP01				
Parcel	HR-144Q	HR-145Q	HR-145Q	QR0010	QR0012	QR0001	0-1	QR0012	3-Sep-02	22-Jul-02	0-1	0-1	0-1	0-1	0-1	
Sample Number	QM0010	QR0012	QR0001	Sample Date	3-Sep-02	22-Jul-02	0-1	Sample Depth (Feet)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual
PESTICIDES																
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR	
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR	
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					2.00E-02					YES	NR
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR	
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					NR	
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR	
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					1.90E-02					YES	NR
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR	
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR	
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					1.30E-03 J					NR	
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR	
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					NR	
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					8.70E-03 J					YES	NR
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR	
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					5.50E-03 J					YES	NR
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					1.90E-03 J					NR	
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					1.00E-03 J					YES	NR
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR	
HERBICIDES																
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR	
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR	
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND	

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-145Q-GP02					HR-145Q-GP03					HR-145Q-MW01					
Sample Number	HR-145Q	QR0003	22-Jul-02	0- 1	HR-145Q	QR0005	22-Jul-02	0- 1	HR-145Q	QR0007	23-Jul-02	0- 1	HR-145Q	QR0007	23-Jul-02	0- 1	HR-145Q	QR0007	
Sample Date																			
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.98E+04		YES	YES	YES	2.12E+04		YES	YES	YES	1.27E+04		YES	YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	8.70E+00		YES			5.35E+00			YES		3.62E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	8.37E+01					6.81E+01					1.22E+02				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.18E-01	J	YES			4.68E-01	J				6.68E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.69E+02					2.71E+02					1.99E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.83E+01					1.59E+01					1.05E+01			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.20E+01					3.59E+00					6.36E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	9.80E+00					2.29E+01		YES			6.73E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	3.34E+04		YES	YES	1.89E+04			YES	YES	1.17E+04			YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.35E+01					1.14E+01					1.70E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	6.14E+02					8.33E+02					5.81E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	5.52E+02		YES	YES	1.49E+02					1.22E+03			YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	8.32E-02	J	YES			7.97E-02	J				4.35E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	6.50E+00					7.33E+00					6.04E+00				
Potassium	mg/kg	8.00E+02	NA	NA	4.41E+02	J				1.39E+03		YES			6.08E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	2.53E+00		YES		YES	1.20E+00		YES		YES	7.52E-01	J	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.95E+01	J				ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.67E+01					YES	2.50E+01				YES	1.57E+01		YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.78E+01					2.44E+01					1.52E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-145Q-GP02				HR-145Q-GP03				HR-145Q-MW01							
Sample Number		HR-145Q	<th>HR-145Q</th> <td><th>HR-145Q</th><td><th>HR-145Q</th><td><th>HR-145Q</th><td><th>HR-145Q</th><td></td><th>HR-145Q</th><td></td></td></td></td></td>	HR-145Q	<th>HR-145Q</th> <td><th>HR-145Q</th><td><th>HR-145Q</th><td><th>HR-145Q</th><td></td><th>HR-145Q</th><td></td></td></td></td>	HR-145Q	<th>HR-145Q</th> <td><th>HR-145Q</th><td><th>HR-145Q</th><td></td><th>HR-145Q</th><td></td></td></td>	HR-145Q	<th>HR-145Q</th> <td><th>HR-145Q</th><td></td><th>HR-145Q</th><td></td></td>	HR-145Q	<th>HR-145Q</th> <td></td> <th>HR-145Q</th> <td></td>	HR-145Q		HR-145Q					
Sample Date		QR0003	<th>QR0005</th> <td><th>QR0007</th><td><th>QR0007</th><td><th>QR0007</th><td><th>QR0007</th><td></td><th>QR0007</th><td></td></td></td></td></td>	QR0005	<th>QR0007</th> <td><th>QR0007</th><td><th>QR0007</th><td><th>QR0007</th><td></td><th>QR0007</th><td></td></td></td></td>	QR0007	<th>QR0007</th> <td><th>QR0007</th><td><th>QR0007</th><td></td><th>QR0007</th><td></td></td></td>	QR0007	<th>QR0007</th> <td><th>QR0007</th><td></td><th>QR0007</th><td></td></td>	QR0007	<th>QR0007</th> <td></td> <th>QR0007</th> <td></td>	QR0007		QR0007					
Sample Depth (Feet)		22-Jul-02		22-Jul-02	<th>23-Jul-02</th> <td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td></td>	23-Jul-02	<th>0- 1</th> <td></td> <th>0- 1</th> <td></td> <th>0- 1</th> <td></td> <th>0- 1</th> <td></td>	0- 1		0- 1		0- 1		0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-145Q-MW02				HR-146Q-DEP01				HR-146Q-DEP02							
Sample Number	HR-145Q	HR-146Q	HR-146Q	Sample Date	QR0010	RK0029	RK0030 <th>Sample Depth (Feet)</th> <td>22-Jul-02</td> <td>17-Jul-02</td> <td>17-Jul-02</td> <th>0 - 1</th> <td>0 - .5</td> <td>0 - .5</td>	Sample Depth (Feet)	22-Jul-02	17-Jul-02	17-Jul-02	0 - 1	0 - .5	0 - .5					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.79E+04		YES	YES	YES	7.63E+03			YES	1.14E+04			YES	YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND				ND					
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.57E+00			YES		4.32E+00			YES	1.01E+01			YES	YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.12E+02					9.59E+01				2.29E+03	J	YES	YES	YES	
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	9.14E-01	J	YES			7.13E-01	J			2.66E+00	J	YES		YES	
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND				ND					
Calcium	mg/kg	1.72E+03	NA	NA	1.93E+02					2.58E+02				1.66E+02					
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.17E+01			YES		1.51E+01			YES	2.72E+01	J		YES	YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.40E+01					4.15E+00				9.63E+01	J	YES		YES	
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.37E+01		YES			5.11E+00				3.93E+01		YES			
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.12E+04			YES	YES	2.27E+04			YES	6.68E+04		YES	YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	3.48E+01					1.67E+01				1.25E+02	J	YES		YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.92E+02					4.00E+02				3.38E+02					
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.87E+03		YES	YES	YES	3.78E+02			YES	1.05E+04	J	YES	YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.10E-02	J				4.28E-02	J			ND					
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	6.99E+00					4.39E+00				2.11E+01	J	YES			
Potassium	mg/kg	8.00E+02	NA	NA	6.37E+02					5.10E+02	J			9.42E+02		YES			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.07E+00	J	YES		YES	1.12E+00	J	YES		3.79E+00	J	YES		YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND				ND					
Sodium	mg/kg	6.34E+02	NA	NA	2.53E+01	J				ND				ND					
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					9.16E-01		YES		5.68E+00	J	YES	YES	YES	
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.25E+01				YES	1.71E+01				4.43E+01	J			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	4.40E+01		YES			1.20E+01	J			4.93E+01	J	YES			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR				NR					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR				NR					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR				NR					
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR				NR					
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR				NR					
SEMIVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR				NR					
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR				NR					
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR				NR					

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-145Q-MW02				HR-146Q-DEP01				HR-146Q-DEP02							
Sample Number	HR-145Q	HR-146Q	HR-146Q	Sample Date	QR0010	RK0029	RK0030	Sample Depth (Feet)	22-Jul-02	17-Jul-02	17-Jul-02	0-.5	0-.5	0-.5	0-.5				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-146Q-DEP03				HR-146Q-DEP04				HR-146Q-DEP05							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.34E+04			YES	YES	2.35E+04		YES	YES	YES	2.30E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.71E+00			YES		4.10E+00			YES		3.44E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.66E+02		YES		YES	1.33E+02		YES			8.79E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.76E-01	J	YES			1.35E+00		YES			4.65E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	4.86E+02					1.72E+02					3.25E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.22E+01				YES	1.52E+01					2.53E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	5.31E+00					3.56E+00					6.50E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	2.23E+01		YES			1.05E+01					9.54E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.61E+04			YES	YES	1.35E+04			YES	YES	1.40E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	5.32E+01		YES		YES	3.11E+01					2.08E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.92E+02					9.13E+02					8.68E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	9.39E+02			YES	YES	1.90E+02					6.26E+02			YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.34E-02	J				6.51E-02	J				5.00E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	6.32E+00					1.06E+01		YES			9.18E+00				
Potassium	mg/kg	8.00E+02	NA	NA	7.20E+02					9.92E+02		YES			7.53E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	7.03E-01	J	YES			1.27E+00		YES			1.05E+00	J		YES	YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.70E+01	J				3.60E+01	J				2.75E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.68E+01				YES	2.53E+01					2.57E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.91E+01	J				2.86E+01	J				3.35E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-DEP03				HR-146Q-DEP04				HR-146Q-DEP05				
Sample Number		HR-146Q	<th>HR-146Q</th> <td><th>RK0032</th><td><th>HR-146Q</th><td><th>RK0033</th><td><th>17-Jul-02</th><td><th>HR-146Q</th><td></td></td></td></td></td></td>	HR-146Q	<th>RK0032</th> <td><th>HR-146Q</th><td><th>RK0033</th><td><th>17-Jul-02</th><td><th>HR-146Q</th><td></td></td></td></td></td>	RK0032	<th>HR-146Q</th> <td><th>RK0033</th><td><th>17-Jul-02</th><td><th>HR-146Q</th><td></td></td></td></td>	HR-146Q	<th>RK0033</th> <td><th>17-Jul-02</th><td><th>HR-146Q</th><td></td></td></td>	RK0033	<th>17-Jul-02</th> <td><th>HR-146Q</th><td></td></td>	17-Jul-02	<th>HR-146Q</th> <td></td>	HR-146Q		
Sample Date		17-Jul-02		0-.5		17-Jul-02		0-.5		17-Jul-02		0-.5		17-Jul-02		
Sample Depth (Feet)																
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual
PESTICIDES																
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR	
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR	
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR	
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR	
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR	
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR	
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR	
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR	
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR	
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR	
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR	
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR	
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR	
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR	
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR	
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR	
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR	
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR	
HERBICIDES																
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR	
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR	
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND	

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-DEP06				HR-146Q-GP01				HR-146Q-GP02							
Sample Number		RK0035	<th>HR-146Q</th> <td><th>RK0001</th><td><th>HR-146Q</th><td><th>RK0003</th><td><th>HR-146Q</th><td><th>RK0003</th><td></td></td></td></td></td></td>	HR-146Q	<th>RK0001</th> <td><th>HR-146Q</th><td><th>RK0003</th><td><th>HR-146Q</th><td><th>RK0003</th><td></td></td></td></td></td>	RK0001	<th>HR-146Q</th> <td><th>RK0003</th><td><th>HR-146Q</th><td><th>RK0003</th><td></td></td></td></td>	HR-146Q	<th>RK0003</th> <td><th>HR-146Q</th><td><th>RK0003</th><td></td></td></td>	RK0003	<th>HR-146Q</th> <td><th>RK0003</th><td></td></td>	HR-146Q	<th>RK0003</th> <td></td>	RK0003					
Sample Date		17-Jul-02		17- .5		1-Aug-02	<th>0- 1</th> <td></td> <th>6-Aug-02</th> <td><th>0- 1</th><td></td><th></th><td></td></td>	0- 1		6-Aug-02	<th>0- 1</th> <td></td> <th></th> <td></td>	0- 1							
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	3.25E+04		YES	YES	YES	8.97E+03		YES	YES	1.31E+04			YES	YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND				ND					
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	5.97E+00		YES			4.53E+00			YES	7.50E+00				YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	9.71E+01					2.07E+02	J	YES		YES	1.11E+02	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.56E-01	J				9.80E-01	J	YES			9.12E-01	J	YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND				ND					
Calcium	mg/kg	1.72E+03	NA	NA	2.94E+02					3.57E+02				2.82E+02					
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	2.56E+01		YES	YES		1.12E+01				YES	1.80E+01	J		YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	4.21E+00					2.71E+01	J	YES		YES	7.61E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	2.27E+01		YES			3.82E+01		YES			2.12E+02		YES	YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.46E+04			YES	YES	2.32E+04			YES	YES	4.05E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.45E+01					1.42E+02		YES	YES	1.08E+03		YES	YES	YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	8.44E+02					3.51E+02				4.71E+02					
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.20E+02					2.58E+03		YES	YES	5.80E+02	J		YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.98E-02	J				6.86E-02	J				9.85E-02	J	YES		
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.17E+01		YES			1.05E+01		YES			1.26E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	1.18E+03		YES			4.21E+02	J				6.31E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	7.98E-01	J	YES			1.52E+00	B	YES		YES	1.47E+00		YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND				ND					
Sodium	mg/kg	6.34E+02	NA	NA	2.96E+01	J				2.23E+01	B				2.60E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					1.65E+00	J	YES	YES	
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	4.17E+01				YES	1.67E+01				YES	4.07E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	3.77E+01	J				3.03E+01				6.86E+01	J	YES		YES	
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR				NR					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR				NR					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR				NR					
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR				NR					
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR				NR					
SEMITOLVATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR				NR					
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR				NR					
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR				NR					

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-DEP06				HR-146Q-GP01				HR-146Q-GP02							
Sample Number		HR-146Q		HR-146Q	<th>RK0035</th> <td><th>HR-146Q</th><td><th>RK0001</th><td><th>RK0003</th><td><th>HR-146Q</th><td></td></td></td></td></td>	RK0035	<th>HR-146Q</th> <td><th>RK0001</th><td><th>RK0003</th><td><th>HR-146Q</th><td></td></td></td></td>	HR-146Q	<th>RK0001</th> <td><th>RK0003</th><td><th>HR-146Q</th><td></td></td></td>	RK0001	<th>RK0003</th> <td><th>HR-146Q</th><td></td></td>	RK0003	<th>HR-146Q</th> <td></td>	HR-146Q					
Sample Date		17-Jul-02		1-Aug-02		0- .5		0- 1		6-Aug-02		6-Aug-02		6-Aug-02					
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP03 HR-146Q RK0005 1-Aug-02 0-1				HR-146Q-GP04 HR-146Q RK0007 1-Aug-02 0-1				HR-146Q-GP05 HR-146Q RK0010 1-Aug-02 0-1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	7.98E+03			YES	YES	1.02E+04			YES	YES	1.67E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.37E+00			YES		4.51E+00			YES		5.64E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	5.24E+01	J				8.36E+01	J				9.06E+00	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	ND					5.90E-01	J				6.93E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.04E+02	J				3.17E+02					1.97E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	5.98E+00			YES		1.10E+01					YES	1.31E+01			YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	2.80E+00	J				9.62E+00	J				9.93E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.77E+00					4.07E+01		YES		YES	1.39E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.08E+04			YES	YES	2.32E+04			YES	YES	2.26E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	3.45E+01					7.53E+02		YES	YES	YES	8.46E+01		YES	YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.66E+02					3.70E+02					4.16E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.05E+02			YES		6.64E+02			YES	YES	1.84E+03		YES	YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.60E-02	J				5.45E-02	J				7.76E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.61E+00					5.47E+00					7.89E+00				
Potassium	mg/kg	8.00E+02	NA	NA	4.27E+02	J				5.73E+02					3.12E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	9.67E-01	B	YES		YES	1.35E+00	B	YES		YES	1.31E+00	B	YES	YES	YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.20E+01	B				2.27E+01	B			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	9.94E+00				YES	1.62E+01				YES	2.58E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.42E+01					3.64E+01					2.27E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					1.20E-02	J				NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					2.60E-01	J				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					1.70E-03	J				NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP03				HR-146Q-GP04				HR-146Q-GP05							
Sample Number		HR-146Q	<th>HR-146Q</th> <td><th>HR-146Q</th><td><th>HR-146Q</th><td></td><th>RK0005</th><td><th>RK0007</th><td><th>RK0010</th><td></td></td></td></td></td>	HR-146Q	<th>HR-146Q</th> <td><th>HR-146Q</th><td></td><th>RK0005</th><td><th>RK0007</th><td><th>RK0010</th><td></td></td></td></td>	HR-146Q	<th>HR-146Q</th> <td></td> <th>RK0005</th> <td><th>RK0007</th><td><th>RK0010</th><td></td></td></td>	HR-146Q		RK0005	<th>RK0007</th> <td><th>RK0010</th><td></td></td>	RK0007	<th>RK0010</th> <td></td>	RK0010					
Sample Date		RK0005		RK0007		RK0010		RK0010		1-Aug-02		1-Aug-02		1-Aug-02					
Sample Depth (Feet)		0- 1		0- 1		0- 1		0- 1		0- 1		0- 1		0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					1.90E-03	J				NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					2.70E-03	J				YES	NR			
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					3.50E-03	J				YES	NR			
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					1.80E-03	J				NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP06				HR-146Q-GP07				HR-146Q-GP08							
Sample Number		RK0012	<th>HR-146Q</th> <td><th>RK0014</th><td><th>HR-146Q</th><td></td><th>RK0016</th><td></td><th>HR-146Q</th><td></td><th>RK0016</th><td></td></td></td>	HR-146Q	<th>RK0014</th> <td><th>HR-146Q</th><td></td><th>RK0016</th><td></td><th>HR-146Q</th><td></td><th>RK0016</th><td></td></td>	RK0014	<th>HR-146Q</th> <td></td> <th>RK0016</th> <td></td> <th>HR-146Q</th> <td></td> <th>RK0016</th> <td></td>	HR-146Q		RK0016		HR-146Q		RK0016					
Sample Date		6-Aug-02		6-Aug-02		6-Aug-02		6-Aug-02		6-Aug-02		6-Aug-02		6-Aug-02					
Sample Depth (Feet)		0- 1		0- 1		0- 1		0- 1		0- 1		0- 1		0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.01E+04			YES	YES	2.35E+04		YES	YES	YES	1.73E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.27E+00			YES		9.05E+00			YES		3.48E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.97E+02	J	YES		YES	8.73E+01	J				9.36E+00	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	1.55E+00		YES		YES	9.41E-01	J	YES			1.03E+00	J	YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	2.83E+02					2.95E+02					9.02E+01	J			
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.32E+01	J			YES	2.17E+01	J				YES	1.27E+01	J		YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	9.32E+00					9.21E+00					4.77E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.90E+01		YES			1.54E+01		YES			1.48E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.68E+04			YES	YES	3.84E+04		YES	YES	YES	1.72E+04		YES	YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	3.98E+02		YES		YES	6.91E+01		YES		YES	6.11E+01		YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.11E+02					6.90E+02					4.81E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.23E+03	J		YES	YES	1.39E+03	J				YES	2.21E+02	J		YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.73E-02	J				1.28E-01		YES		YES	1.10E-01	J	YES		YES
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	4.68E+00					1.21E+01		YES			5.70E+00				
Potassium	mg/kg	8.00E+02	NA	NA	4.70E+02	J				6.02E+02					6.32E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.19E-01	J	YES		YES	1.57E+00		YES		YES	1.01E+00	J	YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	3.30E+01	J				2.60E+01	J				3.17E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					1.00E+00	J		YES	YES	ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.44E+01				YES	4.06E+01				YES	2.25E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.26E+01	J				4.78E+01	J	YES			2.02E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMICVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP06				HR-146Q-GP07				HR-146Q-GP08							
Sample Number		RK0012	<th>HR-146Q</th> <td><th>RK0014</th><td><th>HR-146Q</th><td></td><th>RK0016</th><td></td><th>6-Aug-02</th><td></td><th>HR-146Q</th><td></td></td></td>	HR-146Q	<th>RK0014</th> <td><th>HR-146Q</th><td></td><th>RK0016</th><td></td><th>6-Aug-02</th><td></td><th>HR-146Q</th><td></td></td>	RK0014	<th>HR-146Q</th> <td></td> <th>RK0016</th> <td></td> <th>6-Aug-02</th> <td></td> <th>HR-146Q</th> <td></td>	HR-146Q		RK0016		6-Aug-02		HR-146Q					
Sample Date		6-Aug-02		0-1	<th>6-Aug-02</th> <td></td> <th>0-1</th> <td></td> <th>6-Aug-02</th> <td></td> <th>0-1</th> <td></td> <th>RK0016</th> <td></td>	6-Aug-02		0-1		6-Aug-02		0-1		RK0016					
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP09 HR-146Q RK0018 31-Jul-02 0- 1				HR-146Q-GP10 HR-146Q RK0020 31-Jul-02 0- 1				HR-146Q-GP11 HR-146Q RK0023 5-Aug-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.27E+04			YES	YES	9.46E+03			YES	YES	1.15E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.36E+00			YES		2.80E+00			YES		2.19E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	7.35E+01	J				9.46E+01	J				6.51E+01	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.25E-01	J				4.25E-01	J				4.03E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.13E+02	J				2.15E+02					1.44E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.34E+01			YES		7.78E+00			YES		1.01E+01	J			YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	4.19E+00	J				4.15E+00	J				3.98E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	7.69E+00					8.67E+00					6.90E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	9.90E+03			YES	YES	8.81E+03			YES	YES	1.08E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	6.10E+01		YES		YES	1.55E+02		YES		YES	2.67E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.51E+02					2.58E+02					3.78E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	4.43E+02		YES	YES		5.94E+02			YES	YES	3.69E+02	J		YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.86E-02	J				7.59E-02	J				5.39E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	3.89E+00					2.55E+00					2.97E+00	B			
Potassium	mg/kg	8.00E+02	NA	NA	3.48E+02	J				3.24E+02	J				3.52E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.18E+00	B	YES		YES	9.38E-01	B	YES		YES	6.26E-01	J	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					ND					2.40E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.85E+01				YES	1.37E+01				YES	1.56E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.15E+01					1.68E+01					1.42E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					3.10E-02					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					5.40E-01	J				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-GP09				HR-146Q-GP10				HR-146Q-GP11							
Sample Number		HR-146Q	<th>HR-146Q</th> <td><th>HR-146Q</th><td><th>RK0018</th><td></td><th>RK0020</th><td><th>RK0023</th><td></td><td></td><td></td></td></td></td>	HR-146Q	<th>HR-146Q</th> <td><th>RK0018</th><td></td><th>RK0020</th><td><th>RK0023</th><td></td><td></td><td></td></td></td>	HR-146Q	<th>RK0018</th> <td></td> <th>RK0020</th> <td><th>RK0023</th><td></td><td></td><td></td></td>	RK0018		RK0020	<th>RK0023</th> <td></td> <td></td> <td></td>	RK0023							
Sample Date		31-Jul-02		31-Jul-02	<th>5-Aug-02</th> <td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td><td></td><td></td></td>	5-Aug-02	<th>0- 1</th> <td></td> <th>0- 1</th> <td></td> <th>0- 1</th> <td></td> <td></td> <td></td>	0- 1		0- 1		0- 1							
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					1.70E-03 J					YES	NR			
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					3.60E-03 J					YES	NR			
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					3.30E-03 J					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-MW01				HR-146Q-MW02				HR-147Q-DEP01							
Sample Number		RK0025	<th>HR-146Q</th> <td><th>RK0027</th><td></td><th>HR-146Q</th><td></td><th>RK0007</th><td></td><th>HR-147Q</th><td></td><td>QN0007</td><td></td></td>	HR-146Q	<th>RK0027</th> <td></td> <th>HR-146Q</th> <td></td> <th>RK0007</th> <td></td> <th>HR-147Q</th> <td></td> <td>QN0007</td> <td></td>	RK0027		HR-146Q		RK0007		HR-147Q		QN0007					
Sample Date		1-Aug-02		31-Jul-02		0-1		0-1		5-Sep-02		0-1							
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.68E+04		YES	YES	YES	1.21E+04		YES	YES	1.20E+04			YES	YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND				ND					
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	5.50E+00			YES		2.44E+00			YES	2.97E+00				YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.67E+02	J	YES		YES	7.63E+01	J			7.83E+01					
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	1.19E+00	J	YES		YES	6.17E-01	J			7.25E-01	J				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND				ND					
Calcium	mg/kg	1.72E+03	NA	NA	2.33E+02					1.09E+02	J			1.27E+02					
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.15E+01			YES		8.85E+00			YES	1.40E+01				YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.03E+01	J				7.79E+00	J			4.24E+00					
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	9.67E+00					7.01E+00				6.17E+00					
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.12E+04		YES	YES	YES	1.24E+04		YES	YES	1.45E+04			YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.10E+01					3.00E+01				1.20E+01					
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.14E+02					3.91E+02				5.15E+02					
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	3.74E+03		YES	YES	YES	8.73E+02		YES	YES	5.46E+02			YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	4.50E-02	J				5.04E-02	J			7.82E-02	J				
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	9.08E+00					6.10E+00				5.74E+00					
Potassium	mg/kg	8.00E+02	NA	NA	4.83E+02	J				2.94E+02	J			5.64E+02					
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.46E+00	B	YES		YES	1.13E+00	B	YES		1.17E+00		YES		YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND				ND					
Sodium	mg/kg	6.34E+02	NA	NA	ND					ND				ND					
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND				ND					
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.51E+01				YES	1.38E+01				1.78E+01				YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.90E+01					1.54E+01				1.76E+01					
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR				NR					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR				NR					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR				NR					
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR				NR					
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR				NR					
SEMIVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR				NR					
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR				NR					
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR				NR					

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-146Q-MW01				HR-146Q-MW02				HR-147Q-DEP01							
Sample Number		HR-146Q	<th>HR-146Q</th> <td><th>HR-147Q</th><td><th>HR-147Q</th><td><th>HR-147Q</th><td><th>HR-147Q</th><td></td><th>HR-147Q</th><td></td></td></td></td></td>	HR-146Q	<th>HR-147Q</th> <td><th>HR-147Q</th><td><th>HR-147Q</th><td><th>HR-147Q</th><td></td><th>HR-147Q</th><td></td></td></td></td>	HR-147Q	<th>HR-147Q</th> <td><th>HR-147Q</th><td><th>HR-147Q</th><td></td><th>HR-147Q</th><td></td></td></td>	HR-147Q	<th>HR-147Q</th> <td><th>HR-147Q</th><td></td><th>HR-147Q</th><td></td></td>	HR-147Q	<th>HR-147Q</th> <td></td> <th>HR-147Q</th> <td></td>	HR-147Q		HR-147Q					
Sample Date		RK0025	<th>RK0027</th> <td><th>QN0007</th><td><th>QN0007</th><td><th>5-Sep-02</th><td><th>5-Sep-02</th><td></td><th>5-Sep-02</th><td></td></td></td></td></td>	RK0027	<th>QN0007</th> <td><th>QN0007</th><td><th>5-Sep-02</th><td><th>5-Sep-02</th><td></td><th>5-Sep-02</th><td></td></td></td></td>	QN0007	<th>QN0007</th> <td><th>5-Sep-02</th><td><th>5-Sep-02</th><td></td><th>5-Sep-02</th><td></td></td></td>	QN0007	<th>5-Sep-02</th> <td><th>5-Sep-02</th><td></td><th>5-Sep-02</th><td></td></td>	5-Sep-02	<th>5-Sep-02</th> <td></td> <th>5-Sep-02</th> <td></td>	5-Sep-02		5-Sep-02					
Sample Depth (Feet)		1-Aug-02	<th>31-Jul-02</th> <td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td><th>0- 1</th><td></td></td>	31-Jul-02	<th>0- 1</th> <td></td>	0- 1		0- 1		0- 1		0- 1		0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-147Q-DEP02 HR-147Q QN0008 5-Sep-02 0- 1				HR-147Q-GP01 HR-147Q QN0001 24-Jul-02 0- 1				HR-147Q-MW01 HR-147Q QN0003 25-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.15E+04			YES	YES	9.21E+03			YES	YES	7.69E+03			YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.73E+00			YES		2.77E+00			YES		2.46E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	8.17E+01					8.93E+01					5.88E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.22E-01	J	YES			4.85E-01	J				ND				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.53E+02					1.27E+02					2.41E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.03E+01			YES		8.10E+00			YES		1.05E+01			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	6.82E+00					4.70E+00					1.87E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.32E+00					4.86E+00					7.55E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.24E+04			YES	YES	8.13E+03			YES	YES	1.08E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.54E+01					2.25E+01					2.81E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.19E+02					3.66E+02					2.88E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.09E+03			YES	YES	4.88E+02			YES	YES	1.53E+02			YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	8.43E-02	J	YES			6.23E-02	J				3.33E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.85E+00					3.39E+00					2.70E+00				
Potassium	mg/kg	8.00E+02	NA	NA	5.02E+02	J				3.79E+02	J				4.32E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	5.70E-01	J	YES			ND					ND				
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.63E+01	J				ND					ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.62E+01				YES	9.80E+00				YES	1.05E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.51E+01					1.45E+01	J				1.43E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMIVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-147Q-DEP02 HR-147Q QN0008 5-Sep-02 0- 1					HR-147Q-GP01 HR-147Q QN0001 24-Jul-02 0- 1					HR-147Q-MW01 HR-147Q QN0003 25-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location				HR-147Q-MW02				HR-148Q-GP01				HR-148Q-GP02							
Parcel	HR-147Q	HR-148Q	HR-148Q	Sample Number	QN0005	QS0001	QS0003	Sample Date	24-Jul-02	23-Jul-02	23-Jul-02	Sample Depth (Feet)	0-1	0-1	0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.54E+03			YES	YES	1.43E+04			YES	YES	2.63E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					5.03E+01	J	YES	YES	YES	ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.53E+00			YES		1.14E+01			YES	YES	5.91E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	8.06E+01					1.69E+02		YES		YES	9.54E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	6.93E-01	J				8.06E-01	J	YES			4.41E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.11E+02	J				7.14E+02					2.82E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	6.56E+00				YES	8.88E+00				YES	2.33E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	8.29E+00					6.37E+00					3.78E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	5.69E+00					3.51E+02		YES	YES	YES	6.50E+01		YES	YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	8.53E+03			YES	YES	1.06E+04			YES	YES	2.16E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.50E+01					4.64E+03	J	YES	YES	YES	2.74E+02	J	YES	YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	3.34E+02					7.08E+02					6.12E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.05E+03			YES	YES	1.02E+03			YES	YES	4.88E+02		YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.44E-02	J				6.54E-02	J				1.30E-01		YES	YES	
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	3.39E+00					5.73E+00					6.19E+00				
Potassium	mg/kg	8.00E+02	NA	NA	3.96E+02	J				6.71E+02					5.10E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	ND					1.35E+00		YES		YES	1.48E+00		YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					4.33E+01	B				4.43E+01	B			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.01E+01				YES	1.54E+01				YES	3.60E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.11E+01	J				7.42E+01		YES		YES	3.06E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

(Page 30 of 60)

Sample Location Parcel				HR-147Q-MW02 HR-147Q QN0005 24-Jul-02 0- 1					HR-148Q-GP01 HR-148Q QS0001 23-Jul-02 0- 1					HR-148Q-GP02 HR-148Q QS0003 23-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-148Q-GP03 HR-148Q QS0005 23-Jul-02 0- 1				HR-148Q-MW01 HR-148Q QS0008 22-Jul-02 0- 1				HR-94Q-GP01 HR-94Q RJ0001 5-Aug-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.51E+04			YES	YES	2.60E+04		YES	YES	YES	6.87E+03			YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	8.61E+00	J	YES	YES	YES	5.41E+00	J	YES	YES	YES	ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.56E+00			YES		5.46E+00			YES		4.00E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.16E+02					5.36E+01					7.51E+01	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.91E-01	J				ND					4.21E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	4.73E+02					4.59E+02					2.72E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.37E+01				YES	2.27E+01					8.31E+00			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	7.36E+00					3.40E+00					5.06E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	2.20E+02		YES		YES	1.51E+02		YES		YES	1.00E+01				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.16E+04			YES	YES	2.76E+04			YES	YES	1.47E+04		YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.62E+03	J	YES	YES	YES	1.01E+03	J	YES	YES	YES	3.67E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	6.19E+02					6.08E+02					2.01E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.23E+03			YES	YES	2.34E+02					2.78E+02	J		YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.91E-02	J				1.56E-01		YES		YES	6.55E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	6.08E+00					5.24E+00					3.56E+00				
Potassium	mg/kg	8.00E+02	NA	NA	6.19E+02					8.40E+02		YES			1.40E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.17E+00		YES		YES	1.45E+00		YES		YES	8.28E-01	B	YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	4.04E+01	B				4.73E+01	B				ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.75E+01				YES	3.61E+01				YES	1.12E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	5.38E+01		YES		YES	3.90E+01					1.16E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					7.10E-03	J				NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					9.40E-02	J				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-148Q-GP03 HR-148Q QS0005 23-Jul-02 0- 1					HR-148Q-MW01 HR-148Q QS0008 22-Jul-02 0- 1					HR-94Q-GP01 HR-94Q RJ0001 5-Aug-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					ND					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					2.30E-02 J					YES	NR			
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-94Q-GP02				HR-94Q-GP03				HR-94Q-GP04							
				HR-94Q	RJ0003	1-Aug-02	0-1	HR-94Q	RJ0004	30-Jul-02	0-1	HR-94Q	RJ0006	30-Jul-02	0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.02E+04			YES	YES	2.88E+04		YES	YES	YES	2.70E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	1.09E+01	J	YES	YES	YES	ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	8.14E+00			YES		1.03E+01			YES	YES	7.54E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	2.86E+02		YES		YES	2.65E+02	J	YES		YES	1.91E+02	J	YES		YES
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	6.32E-01	J				1.70E+00		YES		YES	1.30E+00		YES		YES
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	8.38E-01	J	YES			ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	6.00E+03		YES			2.02E+02					2.47E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.50E+01				YES	2.08E+01				YES	1.74E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.91E+01		YES			2.49E+01		YES		YES	1.66E+01		YES		
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.32E+02		YES		YES	4.57E+01		YES		YES	1.20E+02		YES		YES
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.35E+04			YES	YES	2.84E+04			YES	YES	2.10E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	4.53E+03		YES	YES	YES	3.05E+02	J	YES		YES	7.31E+02	J	YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.83E+03		YES			1.17E+03		YES			1.17E+03		YES		
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.27E+03		YES	YES	YES	3.74E+03	J	YES	YES	YES	2.56E+03	J	YES	YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	8.73E-02	J	YES			8.48E-02	J	YES			7.66E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.01E+01					2.11E+01		YES			1.62E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	2.37E+02	B				8.68E+02		YES			9.29E+02		YES		
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	9.89E-01	J	YES		YES	1.64E+00		YES		YES	1.23E+00	B	YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	3.43E+01	B				4.03E+01	B				3.91E+01	B			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	1.00E+00	J		YES	YES	1.31E+00	J		YES	YES	ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.23E+01				YES	4.13E+01				YES	3.35E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	6.91E+01		YES		YES	8.50E+01		YES		YES	7.05E+01		YES		YES
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					3.60E-02				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					ND				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					ND				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					ND				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					ND				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					ND				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-94Q-GP02					HR-94Q-GP03					HR-94Q-GP04					
Sample Number				HR-94Q		HR-94Q		HR-94Q		HR-94Q		HR-94Q		HR-94Q		HR-94Q		HR-94Q	
Sample Date				RJ0003		RJ0004		RJ0006		RJ0006		RJ0006		RJ0006		RJ0006		RJ0006	
Sample Depth (Feet)				1-Aug-02		30-Jul-02		30-Jul-02		0- 1		0- 1		0- 1		0- 1		0- 1	
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					ND				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					ND				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					1.90E-03	J			
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					ND				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					ND				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					ND				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					ND				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					ND				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					ND				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					3.40E-04	J			
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					ND				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					1.80E-02	J			
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					ND				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					ND				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					ND				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					ND				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					ND				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					ND				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					ND				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					ND				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-94Q-GP05 HR-94Q RJ0009 31-Jul-02 0- 1					HR-94Q-GP06 HR-94Q RJ0011 31-Jul-02 0- 1					HR-94Q-GP07 HR-94Q RJ0012 30-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	7.65E+03				YES	7.24E+03				YES	1.11E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.42E+00			YES		2.41E+00				YES	2.42E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.73E+01					8.86E+01					6.06E+01	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	3.79E-01	J				4.02E-01	J				4.92E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	8.10E+01	J				4.99E+02					1.24E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	6.35E+00				YES	6.06E+00				YES	8.24E+00			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	3.63E+00					4.36E+00					3.17E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.17E+01					2.83E+02		YES		YES	3.05E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	9.01E+03			YES	YES	6.79E+03				YES	6.54E+03			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	8.31E+01		YES		YES	1.78E+03		YES	YES	YES	4.97E+01	J	YES		
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.65E+02					3.01E+02					5.56E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.90E+02				YES	6.28E+02			YES	YES	1.85E+02	J			YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	2.78E-02	J				3.22E-02	J				4.05E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.67E+00	B				2.59E+00	B				4.75E+00				
Potassium	mg/kg	8.00E+02	NA	NA	2.52E+02	B				2.11E+02	B				4.04E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	ND					ND					ND				
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.38E+01	B				3.53E+01	B			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	9.59E+00				YES	8.35E+00				YES	1.21E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	9.74E+00					4.60E+01		YES			1.69E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-94Q-GP05					HR-94Q-GP06					HR-94Q-GP07					
Sample Number				HR-94Q	RJ0009	31-Jul-02	0- 1	HR-94Q	RJ0011	31-Jul-02	0- 1	HR-94Q	RJ0012	30-Jul-02	0- 1				
Sample Date																			
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-94Q-GP08 HR-94Q RJ0014 30-Jul-02 0-1				HR-94Q-GP09 HR-94Q RJ0016 5-Aug-02 0-1				HR-94Q-GP10 HR-94Q RJ0018 5-Aug-02 0-1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.57E+04			YES	YES	5.27E+03				YES	1.16E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.62E+00			YES		1.77E+00				YES	3.47E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.56E+02	J	YES			1.30E+02	J	YES			3.68E+01	J			
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	1.07E+00	J	YES			6.32E-01	J				ND				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	4.34E+02					4.04E+02					1.22E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.29E+01				YES	3.80E+00				YES	1.42E+01			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	6.01E+00					5.70E+00					1.55E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.41E+01		YES		YES	1.22E+01					6.79E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.55E+04			YES	YES	5.90E+03				YES	1.96E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	5.40E+02	J	YES	YES	YES	4.04E+01		YES			8.44E+00				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	7.27E+02					1.83E+02					2.65E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	6.37E+02	J		YES	YES	9.63E+02	J			YES	6.54E+01	J			
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	4.35E-02	J				4.80E-02	J				8.69E-02	J		YES	
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	7.66E+00					2.37E+00	B				2.36E+00	B			
Potassium	mg/kg	8.00E+02	NA	NA	1.08E+03		YES			4.60E+02	J				5.77E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.00E-01	B	YES			ND					1.09E+00	B	YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	3.98E+01	B				ND					2.50E+01	B			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.88E+01				YES	5.66E+00				YES	1.91E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	3.20E+01					4.73E+01		YES			9.90E+00				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-94Q-GP08 HR-94Q RJ0014 30-Jul-02 0- 1					HR-94Q-GP09 HR-94Q RJ0016 5-Aug-02 0- 1					HR-94Q-GP10 HR-94Q RJ0018 5-Aug-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-94Q-MW01 HR-94Q RJ0020 30-Jul-02 0- 1					HR-94Q-MW02 HR-94Q RJ0023 5-Aug-02 0- 1					HR-95Q-DEP01 HR-95Q QW0020 18-Jul-02 0- .5					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	2.27E+04		YES	YES	YES	5.84E+03				YES	2.31E+04	J	YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND				YES	ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	7.24E+00			YES		1.96E+00				YES	9.83E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.67E+02	J	YES		YES	9.11E+01	J				4.62E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	1.11E+00	J	YES		YES	ND					5.44E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	3.95E+02					9.30E+02					1.20E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.80E+01				YES	5.73E+00				YES	2.75E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.70E+01		YES			8.22E+00					3.61E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.10E+01		YES		YES	7.39E+00					7.53E+01		YES	YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.43E+04			YES	YES	8.35E+03				YES	4.07E+04		YES	YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.69E+02	J	YES		YES	1.26E+01					1.87E+02	J	YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	1.01E+03					2.53E+02					4.41E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.97E+03	J	YES	YES	YES	5.36E+02	J			YES	3.29E+02	J			YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.29E-02	J				4.35E-02	J				6.99E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.39E+01		YES			3.89E+00					7.47E+00				
Potassium	mg/kg	8.00E+02	NA	NA	9.22E+02		YES			6.68E+02					6.43E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.42E+00	B	YES		YES	ND					1.63E+00		YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					1.51E+00	J	YES		
Sodium	mg/kg	6.34E+02	NA	NA	4.05E+01	B				ND					ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					1.82E+00	B		YES	YES
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	3.01E+01				YES	7.92E+00				YES	4.89E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	7.02E+01		YES		YES	2.48E+01					2.67E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	3.80E-02					NR					ND				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	ND					NR					6.00E-02	J			
Toluene	mg/kg	NA	1.55E+03	5.00E-02	ND					NR					ND				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	ND					NR					4.30E-03	B			
p-Cymene	mg/kg	NA	1.55E+03	NA	ND					NR					ND				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					NR					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	ND					NR					ND				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	ND					NR					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-94Q-MW01					HR-94Q-MW02					HR-95Q-DEP01					
Sample Number		HR-94Q	<th>HR-94Q</th> <td><th>RJ0020</th><td><th>RJ0023</th><td></td><th>5-Aug-02</th><td><th>HR-95Q</th><td></td><th>QW0020</th><td></td><th>18-Jul-02</th><td></td><th></th></td></td></td>	HR-94Q	<th>RJ0020</th> <td><th>RJ0023</th><td></td><th>5-Aug-02</th><td><th>HR-95Q</th><td></td><th>QW0020</th><td></td><th>18-Jul-02</th><td></td><th></th></td></td>	RJ0020	<th>RJ0023</th> <td></td> <th>5-Aug-02</th> <td><th>HR-95Q</th><td></td><th>QW0020</th><td></td><th>18-Jul-02</th><td></td><th></th></td>	RJ0023		5-Aug-02	<th>HR-95Q</th> <td></td> <th>QW0020</th> <td></td> <th>18-Jul-02</th> <td></td> <th></th>	HR-95Q		QW0020		18-Jul-02			
Sample Date		30-Jul-02		0- 1			<th>0- 1</th> <td><th></th><td><th>0- .5</th><td></td><th></th><td><th></th><th></th><th></th></td></td></td>	0- 1	<th></th> <td><th>0- .5</th><td></td><th></th><td><th></th><th></th><th></th></td></td>		<th>0- .5</th> <td></td> <th></th> <td><th></th><th></th><th></th></td>	0- .5			<th></th> <th></th> <th></th>				
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	ND					NR					ND				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	ND					NR					ND				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	6.80E-03				YES	NR					ND				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	ND					NR					ND				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	8.00E-03				YES	NR					ND				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	8.30E-04 J					NR					ND				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	2.50E-03 J				YES	NR					ND				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	ND					NR					ND				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	2.10E-03 J					NR					ND				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	ND					NR					ND				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	ND					NR					ND				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	ND					NR					ND				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	3.10E-04 J					NR					ND				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	ND					NR					ND				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	ND					NR					ND				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	6.00E-04 J					NR					ND				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	ND					NR					ND				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	ND					NR					ND				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	ND					NR					ND				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	ND					NR					ND				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-DEP02					HR-95Q-GP01					HR-95Q-GP02					
Sample Number				HR-95Q		HR-95Q			HR-95Q		HR-95Q			HR-95Q		HR-95Q			
Sample Date				QW0021		QW0001			12-Aug-02		12-Aug-02			QW0004		12-Aug-02			
Sample Depth (Feet)				17-Jul-02		0-.5			12-Aug-02		0-1			0-1		0-1			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.48E+04	J		YES	YES	2.24E+04		YES	YES	YES	2.09E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	6.83E+00			YES		7.00E+00	J		YES		7.39E+00	J			YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	3.75E+01					5.00E+01					4.13E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.15E-01	J				4.85E-01	J				ND				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.14E+02					6.74E+01	J				5.61E+01	J			
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	2.36E+01			YES	YES	2.17E+01					YES	2.20E+01			YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	7.38E+00					4.28E+00					2.07E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.22E+01		YES		YES	1.40E+01		YES			1.32E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	3.16E+04			YES	YES	3.48E+04		YES	YES	YES	3.81E+04		YES	YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.84E+02	J	YES		YES	1.55E+01					1.42E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.92E+02					4.58E+02					3.37E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	4.58E+02	J		YES	YES	3.27E+02	J				YES	1.50E+02	J		YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.72E-02	J				1.33E-01		YES		YES	1.58E-01		YES		YES
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	6.74E+00					7.24E+00					6.24E+00				
Potassium	mg/kg	8.00E+02	NA	NA	4.58E+02	J				4.37E+02	J				4.51E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.51E-01	J	YES		YES	1.49E+00	J	YES		YES	1.33E+00	J	YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	1.11E+00	J	YES			ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					ND					ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	9.19E-01	B		YES		ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	3.39E+01				YES	4.08E+01				YES	4.60E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.45E+01	J				1.97E+01	J				1.42E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					ND					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					3.20E-02	B				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					3.10E-03	B				NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-DEP02 HR-95Q QW0021 17-Jul-02 0-.5					HR-95Q-GP01 HR-95Q QW0001 12-Aug-02 0-1					HR-95Q-GP02 HR-95Q QW0004 12-Aug-02 0-1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					ND					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location				HR-95Q-GP03				HR-95Q-GP04				HR-95Q-GP05								
Parcel	HR-95Q	HR-95Q	HR-95Q	Parcel	HR-95Q	HR-95Q	HR-95Q	Parcel	HR-95Q	HR-95Q	HR-95Q	Parcel	HR-95Q	HR-95Q	HR-95Q					
Sample Number	QW0006	QW0008	QW0010	Sample Date	12-Aug-02	12-Aug-02	13-Aug-02	Sample Depth (Feet)	0- 1	0- 1	0- 1	Sample Depth (Feet)	0- 1	0- 1	0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	
METALS																				
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	2.98E+04		YES	YES	YES	1.44E+04			YES	YES	2.95E+04		YES	YES	YES	
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	4.47E+00	J	YES	YES	YES	ND					ND					
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	8.37E+00	J			YES	3.95E+00			YES		7.56E+00			YES		
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	7.57E+01					6.50E+01					1.06E+02					
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.93E-01	J				5.04E-01	J				7.35E-01	J				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND					
Calcium	mg/kg	1.72E+03	NA	NA	1.77E+02					5.35E+01	J				3.89E+02					
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	2.40E+01				YES	YES	1.66E+01				YES	3.10E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	9.47E+00					3.54E+00					1.08E+01					
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.37E+01		YES			1.82E+02		YES		YES	7.67E+01		YES		YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	3.51E+04		YES	YES	YES	2.94E+04			YES	YES	3.52E+04		YES	YES	YES	
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.83E+01					5.08E+02		YES	YES	YES	2.01E+02		YES		YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	6.67E+02					3.08E+02					8.02E+02					
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	7.60E+02	J		YES	YES	3.20E+02					1.75E+03		YES	YES	YES	
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	1.42E-01		YES		YES	4.53E-02	J				1.14E-01		YES		YES	
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.12E+01		YES			6.79E+00					1.27E+01		YES			
Potassium	mg/kg	8.00E+02	NA	NA	6.87E+02					6.46E+02					8.56E+02		YES			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	2.02E+00	J	YES		YES	9.60E-01	B	YES		YES	1.65E+00		YES		YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND					
Sodium	mg/kg	6.34E+02	NA	NA	2.60E+01	J				2.59E+01	J				3.23E+01	J				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					9.69E-01	J		YES		
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	4.52E+01				YES	2.58E+01				YES	4.45E+01				YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.67E+01	J				2.71E+01					4.10E+01		YES			
VOLATILE ORGANIC COMPOUNDS																				
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR					
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR					
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR					
SEMOVOLATILE ORGANIC COMPOUNDS																				
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR					
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR					
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR					

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-GP03 HR-95Q QW0006 12-Aug-02 0- 1				HR-95Q-GP04 HR-95Q QW0008 12-Aug-02 0- 1				HR-95Q-GP05 HR-95Q QW0010 13-Aug-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-GP06 HR-95Q QW0012 12-Aug-02 0- 1				HR-95Q-GP07 HR-95Q QW0022 12-Aug-02 0- 1				HR-95Q-GP08 HR-95Q QW0024 12-Aug-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.31E+04			YES	YES	1.55E+04			YES	YES	2.96E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.95E+00	J		YES		3.14E+00			YES		7.06E+00	J			YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.59E+02		YES			7.01E+01					9.14E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.19E-01	J	YES			5.49E-01	J				6.05E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	4.42E+02					9.19E+01	J				4.63E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	8.62E+00			YES	YES	1.55E+01					YES	2.18E+01			YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	8.36E+00					1.03E+01					8.44E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	7.48E+00					5.11E+01		YES		YES	1.26E+01				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.18E+04		YES	YES		2.18E+04			YES	YES	2.80E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.23E+01					7.74E+01		YES		YES	2.18E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.96E+02					4.21E+02					7.82E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.31E+03	J	YES	YES	6.54E+02			YES	YES	1.37E+03	J			YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.89E-02	J				1.25E-01		YES		YES	1.47E-01		YES		YES
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	7.13E+00					7.79E+00					1.12E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	5.80E+02					6.40E+02					7.34E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.01E+00	J	YES		YES	9.17E-01	B	YES		YES	1.46E+00	J	YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.66E+01	J				2.58E+01	J				2.71E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.55E+01					2.50E+01				YES	4.12E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.91E+01	J				2.41E+01					2.94E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-GP06 HR-95Q QW0012 12-Aug-02 0- 1					HR-95Q-GP07 HR-95Q QW0022 12-Aug-02 0- 1					HR-95Q-GP08 HR-95Q QW0024 12-Aug-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

(Page 47 of 60)

Sample Location Parcel				HR-95Q-GP09 HR-95Q QW0026 13-Aug-02 0- 1				HR-95Q-MW01 HR-95Q QW0014 12-Aug-02 0- 1				HR-95Q-MW02 HR-95Q QW0016 13-Aug-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.12E+04			YES	YES	1.81E+04		YES	YES	YES	1.03E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					4.78E+00	J	YES	YES	YES	4.30E+00	J		YES	YES
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.82E+00			YES		5.74E+00			YES		3.14E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	2.58E+02		YES		YES	3.22E+01					4.57E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	3.97E-01	J				4.42E-01	J				ND				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.83E+02					6.79E+01	J				2.35E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	2.49E+01			YES	YES	2.82E+01			YES	YES	1.79E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	5.24E+00					3.88E+00					5.94E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	6.04E+01		YES		YES	3.19E+02		YES	YES	YES	1.56E+02		YES		YES
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.42E+04			YES	YES	3.92E+04		YES	YES	YES	2.17E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.87E+02		YES		YES	1.35E+03		YES	YES	YES	5.29E+02		YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.71E+02					3.73E+02					3.77E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	9.79E+02			YES	YES	3.56E+02					2.98E+02				YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.32E-02	J				8.28E-02	J	YES			5.02E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.13E+00					8.10E+00					8.26E+00				
Potassium	mg/kg	8.00E+02	NA	NA	3.82E+02	J				5.17E+02	J				8.81E+02		YES		
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	7.36E-01	B	YES			1.30E+00	B	YES		YES	7.20E-01	B	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.55E+01	J				2.65E+01	J				2.51E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.72E+01				YES	3.82E+01				YES	1.92E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.94E+01					3.42E+01					3.83E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-GP09 HR-95Q QW0026 13-Aug-02 0- 1					HR-95Q-MW01 HR-95Q QW0014 12-Aug-02 0- 1					HR-95Q-MW02 HR-95Q QW0016 13-Aug-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-MW03 HR-95Q QW0018 12-Aug-02 0- 1				HR-96Q-GP01 HR-96Q QP0001 22-Jul-02 0- 1				HR-96Q-GP02 HR-96Q QP0003 22-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.23E+04			YES	YES	8.81E+03			YES	YES	1.29E+04			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	3.85E+00	J		YES		3.08E+00	J		YES		3.85E+00	J			YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.41E+02		YES			1.32E+02		YES			1.27E+02		YES		
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	6.37E-01	J				5.83E-01	J				8.52E-01	J		YES	
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	7.27E+03		YES			4.81E+02					3.97E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.72E+01				YES	6.06E+00					YES	1.02E+01			YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	6.62E+00					5.72E+00					8.30E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.14E+01					8.36E+01		YES			YES	1.05E+01			
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.64E+04		YES	YES		8.74E+03			YES	YES	1.45E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.43E+01					9.01E+02		YES	YES	YES	4.73E+01		YES		
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	7.29E+02					3.94E+02					5.30E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.10E+03	J	YES	YES		9.42E+02			YES	YES	1.28E+03			YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.90E-02	J				4.30E-02	J				3.89E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	7.97E+00					4.56E+00					6.65E+00				
Potassium	mg/kg	8.00E+02	NA	NA	8.55E+02		YES			3.49E+02	B				5.95E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	7.86E-01	J	YES			1.01E+00	B	YES		YES	1.36E+00	B	YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.67E+01	J				2.12E+01	J				2.56E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.85E+01				YES	9.59E+00					YES	1.70E+01			YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.32E+01	J				2.67E+01	J				1.95E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-95Q-MW03 HR-95Q QW0018 12-Aug-02 0- 1					HR-96Q-GP01 HR-96Q QP0001 22-Jul-02 0- 1					HR-96Q-GP02 HR-96Q QP0003 22-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location				HR-96Q-GP03				HR-96Q-GP04				HR-96Q-MW01							
Parcel	HR-96Q	HR-96Q	HR-96Q	QP0006	QP0008	QP0010	QP0012	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1				
Sample Number				22-Jul-02															
Sample Date																			
Sample Depth (Feet)																			
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	2.13E+04		YES	YES	YES	1.37E+04		YES	YES	1.07E+04		YES	YES		
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					5.54E+00	J	YES	YES	ND					
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.53E+00	J		YES		4.00E+00	J		YES		2.21E+00	J		YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	7.88E+01					5.73E+01				3.56E+01					
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	ND					ND				ND					
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND				ND					
Calcium	mg/kg	1.72E+03	NA	NA	5.41E+02					1.90E+04		YES			1.11E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.89E+01					1.50E+01				YES	1.43E+01			YES	
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	2.40E+00					1.34E+00	J				1.24E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.15E+01					3.83E+02		YES	YES	YES	1.07E+01				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.70E+04			YES	YES	1.63E+04			YES	YES	9.03E+03			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	4.55E+01		YES			6.44E+01		YES		YES	1.42E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.77E+02					1.16E+04		YES			2.65E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.34E+02					1.17E+02				YES	6.40E+01				
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	7.40E-02	J				7.81E-02	J				4.60E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.32E+00					3.76E+00				2.83E+00					
Potassium	mg/kg	8.00E+02	NA	NA	4.91E+02	B				4.29E+02	B				2.68E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.36E+00	B	YES		YES	8.07E-01	B	YES			1.00E+00	B	YES	YES	
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND				ND					
Sodium	mg/kg	6.34E+02	NA	NA	2.78E+01	J				2.88E+01	J			ND					
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND				ND					
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.97E+01					2.35E+01				YES	1.69E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	2.16E+01	J				5.64E+01	J	YES		YES	1.29E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					ND				NR					
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					4.40E-02	J			NR					
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND				NR					
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND				NR					
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND				NR					
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					5.30E-01				NR					
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					6.40E-01				NR					
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					3.50E+00				NR					

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choctawhatchee Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-96Q-GP03 HR-96Q QP0006 22-Jul-02 0- 1					HR-96Q-GP04 HR-96Q QP0008 22-Jul-02 0- 1					HR-96Q-MW01 HR-96Q QP0010 22-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					3.40E-03	J				YES	NR			
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					1.50E-03	J				YES	NR			
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					4.20E-04	J				NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					1.50E+00			YES	YES	ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-97Q-DEP01 HR-97Q QL0023 4-Sep-02 0- 1				HR-97Q-GP01 HR-97Q QL0001 23-Jul-02 0- 1				HR-97Q-GP02 HR-97Q QL0003 23-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	7.63E+03				YES	1.82E+04		YES	YES	YES	1.77E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					1.11E+01 J		YES	YES	YES
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.67E+00			YES		4.62E+00			YES		7.66E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	9.62E+01					1.10E+02					1.46E+02		YES		
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	4.38E-01 J					8.00E-01 J		YES			8.89E-01 J		YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					9.37E-01 J		YES		
Calcium	mg/kg	1.72E+03	NA	NA	4.82E+02					1.78E+02					2.48E+03		YES		
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	9.80E+00				YES	1.24E+01					2.20E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	4.92E+00					1.72E+01		YES			1.28E+01				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.37E+01	YES				3.23E+01		YES			5.76E+01		YES		YES
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.70E+04			YES	YES	1.30E+04					6.20E+04		YES	YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	7.94E+01	YES		YES		2.02E+02 J		YES			4.14E+02 J		YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	3.84E+02					6.17E+02					1.62E+03		YES		
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	4.30E+02			YES	YES	2.00E+03		YES	YES	YES	2.14E+03		YES	YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.08E-02 J					7.46E-02 J					6.82E-01		YES		YES
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	5.63E+00					8.69E+00					1.70E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	5.36E+02 J					5.52E+02 J					5.92E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.10E+00 J	YES		YES		7.65E-01 J		YES			2.95E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.65E+01 J					4.06E+01 J				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					1.49E+00 J		YES		YES
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.35E+01				YES	2.23E+01					2.87E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.94E+01					3.20E+01 J					3.51E+03 J		YES	YES	YES
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-97Q-DEP01 HR-97Q QL0023 4-Sep-02 0- 1					HR-97Q-GP01 HR-97Q QL0001 23-Jul-02 0- 1					HR-97Q-GP02 HR-97Q QL0003 23-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-97Q-GP03 HR-97Q QL0005 23-Jul-02 0- 1				HR-97Q-GP04 HR-97Q QL0007 25-Jul-02 0- 1				HR-97Q-GP05 HR-97Q QL0010 24-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	3.04E+04		YES	YES	YES	2.70E+04		YES	YES	YES	2.09E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	1.02E+01			YES	YES	8.33E+00			YES		6.46E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.01E+02					1.13E+02					1.39E+02		YES		
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	8.91E-01	J	YES			8.42E-01	J	YES			8.91E-01	J	YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	2.60E+02					2.88E+02					4.88E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	3.17E+01			YES	YES	3.13E+01			YES	YES	2.33E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.01E+01					1.23E+01					1.51E+01				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	8.66E+01		YES		YES	4.80E+01		YES		YES	8.12E+01		YES		YES
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	4.53E+04		YES	YES	YES	3.57E+04		YES	YES	YES	2.54E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	4.01E+02	J	YES	YES	YES	2.59E+02	J	YES		YES	6.66E+02	J	YES	YES	YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	5.95E+02					7.13E+02					6.34E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	7.04E+02			YES	YES	9.13E+02			YES	YES	2.18E+03		YES	YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.95E-02	J				6.59E-02	J				8.00E-02	J	YES		
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.37E+01		YES			1.19E+01		YES			1.12E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	4.53E+02	J				6.25E+02					4.92E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	2.05E+00		YES		YES	1.30E+00		YES		YES	1.32E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	1.99E+01	J				2.80E+01	J				ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	9.11E-01	J		YES		1.22E+00	J		YES	YES	ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	4.56E+01				YES	4.61E+01				YES	3.15E+01			YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	4.60E+01	J	YES			3.83E+01	J				3.74E+01	J			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					2.30E-02					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					7.90E-01	J				NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					1.70E-03	J				NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					4.00E-03	J				NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-97Q-GP03 HR-97Q QL0005 23-Jul-02 0- 1				HR-97Q-GP04 HR-97Q QL0007 25-Jul-02 0- 1				HR-97Q-GP05 HR-97Q QL0010 24-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					3.50E-03 J					YES	NR			
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					1.20E-02					YES	NR			
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					2.00E-03 J					YES	NR			
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					ND					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					1.70E-03 J					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					7.80E-03 J					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					2.20E+00 J					YES	NR			
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location				HR-97Q-GP06				HR-97Q-GP07				HR-97Q-GP08							
Parcel	HR-97Q	HR-97Q	HR-97Q	QL0012	QL0014	QL0016	HR-97Q	QL0012	QL0014	QL0016	HR-97Q	QL0012	QL0014	QL0016					
Sample Number	29-Jul-02	29-Jul-02	29-Jul-02	Sample Date	0- 1	0- 1	0- 1	Sample Depth (Feet)	0- 1	0- 1	0- 1	Sample Depth (Feet)	0- 1	0- 1	0- 1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.28E+03			YES	YES	1.50E+04			YES	YES	1.95E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.01E+00			YES		4.90E+00			YES		4.71E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	3.62E+01					9.55E+01					2.89E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	ND					7.20E-01	J				ND				
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.09E+02					1.38E+02					1.24E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	7.30E+00			YES	1.21E+01				YES	2.48E+01			YES	YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.51E+00	J				1.36E+01					1.67E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	8.10E+01		YES		YES	7.01E+00					4.45E+01		YES	YES	
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	7.83E+03			YES	YES	1.71E+04			YES	YES	2.40E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	6.32E+02		YES	YES	YES	3.85E+01					1.45E+02		YES	YES	
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	1.93E+02					3.35E+02					2.49E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.27E+02			YES	2.04E+03		YES	YES	YES	7.47E+01					
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	6.47E-02	J				7.66E-02	J				1.76E-01		YES	YES	
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.54E+00	B				7.91E+00					3.11E+00	B			
Potassium	mg/kg	8.00E+02	NA	NA	1.06E+02	B				1.58E+02	B				1.59E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	ND					7.32E-01	J	YES			6.33E-01	J	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.19E+01	B				2.34E+01	B				ND				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.19E+01			YES	2.37E+01				YES	4.19E+01				YES	
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.82E+01					1.70E+01					1.55E+01				
VOLATILE ORGANIC COMPOUNDS															NR				
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					NR					NR				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					NR					NR				
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					NR					NR				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					NR					NR				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					NR					NR				
SEMOVOLATILE ORGANIC COMPOUNDS																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					NR					NR				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					NR					NR				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					NR					NR				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel				HR-97Q-GP06 HR-97Q QL0012 29-Jul-02 0- 1					HR-97Q-GP07 HR-97Q QL0014 29-Jul-02 0- 1					HR-97Q-GP08 HR-97Q QL0016 25-Jul-02 0- 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					NR					NR				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					NR					NR				
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					NR					NR				
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					NR					NR				
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					NR					NR				
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					NR					NR				
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					NR					NR				
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					NR					NR				
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					NR					NR				
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					NR					NR				
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					NR					NR				
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					NR					NR				
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					NR					NR				
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					NR					NR				
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					NR					NR				
HERBICIDES																			
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					NR					NR				
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					NR					NR				
EXPLOSIVES																			
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)					HR-97Q-GP09 HR-97Q QL0018 23-Jul-02 0 - 1				HR-97Q-MW01 HR-97Q QL0020 24-Jul-02 0 - 1					
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS														
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.40E+03			YES	YES	3.61E+04		YES	YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.94E+00			YES		8.83E+00				YES
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	1.07E+02					4.91E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	5.93E-01	J				6.20E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	3.05E+02					1.09E+02	J			
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	8.31E+00			YES		3.98E+01	J	YES	YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	3.43E+00					6.85E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	7.75E+00					1.08E+01				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	9.56E+03			YES	YES	3.90E+04		YES	YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	8.83E+01	J	YES		YES	1.89E+01	J			
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	3.77E+02					5.37E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	5.26E+02			YES	YES	2.30E+02	J			YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.53E-02	J				1.13E-01	J	YES		YES
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.78E+00	B				9.83E+00				
Potassium	mg/kg	8.00E+02	NA	NA	3.37E+02	J				3.58E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	5.50E-01	J	YES			1.62E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	ND					2.35E+01	J			
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	9.74E+00				YES	5.31E+01			YES	YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.62E+01	J				2.22E+01	J			
VOLATILE ORGANIC COMPOUNDS														
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	NR					ND				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	NR					6.90E-02	J			
Toluene	mg/kg	NA	1.55E+03	5.00E-02	NR					ND				
Trichlorofluoromethane	mg/kg	NA	2.33E+03	1.00E-01	NR					ND				
p-Cymene	mg/kg	NA	1.55E+03	NA	NR					ND				
SEMICVOLATILE ORGANIC COMPOUNDS														
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	NR					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	NR					ND				
N-Nitrosodiphenylamine	mg/kg	NA	1.29E+02	2.00E+01	NR					ND				

Table 2-3

Surface and Depositional Soil Analytical Results
Former Choccolocco Corridor Ranges, Parcels 94Q, 95Q, 96Q, 97Q, and Associated Parcels
Fort McClellan, Calhoun County, Alabama

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Sample Location Parcel Sample Number Sample Date Sample Depth (Feet)				HR-97Q-GP09 HR-97Q QL0018 23-Jul-02 0- 1				HR-97Q-MW01 HR-97Q QL0020 24-Jul-02 0- 1							
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	
PESTICIDES															
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	NR					ND					
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	NR					ND					
Aldrin	mg/kg	NA	3.65E-02	2.50E-03	NR					ND					
Dieldrin	mg/kg	NA	3.88E-02	5.00E-04	NR					ND					
Endosulfan I	mg/kg	NA	4.66E+01	1.19E-01	NR					ND					
Endrin	mg/kg	NA	2.32E+00	1.00E-03	NR					ND					
Endrin aldehyde	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					
Endrin ketone	mg/kg	NA	2.32E-01	1.05E-02	NR					ND					
Heptachlor	mg/kg	NA	1.40E-01	1.00E-01	NR					ND					
Heptachlor epoxide	mg/kg	NA	6.91E-02	1.52E-01	NR					ND					
Methoxychlor	mg/kg	NA	3.89E+01	1.99E-02	NR					ND					
alpha-BHC	mg/kg	NA	1.00E-01	2.50E-03	NR					ND					
alpha-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					ND					
beta-BHC	mg/kg	NA	3.50E-01	1.00E-03	NR					ND					
delta-BHC	mg/kg	NA	2.33E+00	9.94E+00	NR					ND					
gamma-BHC (Lindane)	mg/kg	NA	4.85E-01	5.00E-05	NR					ND					
gamma-Chlordane	mg/kg	NA	1.69E+00	1.00E-01	NR					7.40E-04 J					
HERBICIDES															
2,4-D	mg/kg	NA	7.77E+01	1.00E-01	NR					ND					
MCPP	mg/kg	NA	7.77E+00	1.00E-01	NR					ND					
EXPLOSIVES															
2,4-Dinitrotoluene	mg/kg	NA	9.27E-01	1.28E+00	ND					ND					

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

^a BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

^b Recreational site user site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/kg - Milligrams per kilogram.

NA - Not available.

ND - Not detected.

NR - Not requested.

Qual - Data validation qualifier.